

41

DATE: 10/01/2001

TIME: 09:49:12

Input Set : D:\MBHB00,882-C Sequence Listing.txt

Output Set: N:\CRF3\10012001\I653225.raw

95

APPLICANT: Ribozyme Pharmaceuticals, Inc.
Chowrira, Bharat
McSwiggen, Jim
Stinchcomb, Dan

TITLE OF INVENTION: Method and Reagent for the Inhibition of Telomerase Enzyme

FILE REFERENCE: MBHB00-882-C (400/019)

C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/653,225

C--> 12 <141> CURRENT FILING DATE: 2000-08-31

PRIOR APPLICATION NUMBER: 60/197,769

PRIOR FILING DATE: 2000-04-14

PRIOR APPLICATION NUMBER: 60/150,713

PRIOR FILING DATE: 1999-08-31

NUMBER OF SEQ ID NOS: 5586

SOFTWARE: PatentIn version 3.0

SEQ ID NO: 1

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

SEQUENCE: 1

ggcgcgcgccc ggcgcgcg 17

SEQ ID NO: 2

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

SEQUENCE: 2

ggcgagccccc cgcgcgcg 17

SEQ ID NO: 3

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

SEQUENCE: 3

ggcgagccccc cgcgcgcg 17

SEQ ID NO: 4

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

SEQUENCE: 4

caggacacuc cgcgcgcg 17

SEQ ID NO: 5

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

SEQUENCE: 5

ggcacguuc gucgcgcc 17

SEQ ID NO: 6

LENGTH: 17

TYPE: RNA

ENTERED

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70 1213> ORGANISM: Homo sapiens
72 1400> SEQUENCE: 6
73 gccacgguug ugcggcg 17
74 1210> SEQ ID NO: 7
77 1211> LENGTH: 17
78 1212> TYPE: RNA
79 1213> ORGANISM: Homo sapiens
81 1400> SEQUENCE: 7
82 cggggggauu ccgcgcg 17
85 1210> SEQ ID NO: 8
86 1211> LENGTH: 17
87 1212> TYPE: RNA
88 1213> ORGANISM: Homo sapiens
90 1400> SEQUENCE: 8
91 ggcggguuuu ccgcgcg 17
94 1210> SEQ ID NO: 9
95 1211> LENGTH: 17
96 1212> TYPE: RNA
97 1213> ORGANISM: Homo sapiens
98 1400> SEQUENCE: 9
100 ggggguuuuu ccgcgcg 17
103 1210> SEQ ID NO: 10
104 1211> LENGTH: 17
105 1212> TYPE: RNA
106 1213> ORGANISM: Homo sapiens
108 1400> SEQUENCE: 10
109 ggggguuuuu uuccgcc 17
112 1210> SEQ ID NO: 11
113 1211> LENGTH: 17
114 1212> TYPE: RNA
115 1213> ORGANISM: Homo sapiens
117 1400> SEQUENCE: 11
118 ggggguuuuu ccgcagg 17
121 1210> SEQ ID NO: 12
122 1211> LENGTH: 17
123 1212> TYPE: RNA
124 1213> ORGANISM: Homo sapiens
126 1400> SEQUENCE: 12
127 ggggguuuuu gccaggu 17
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131 1211> LENGTH: 17
132 1212> TYPE: RNA
133 1213> ORGANISM: Homo sapiens
135 1400> SEQUENCE: 13
136 gaggguuuu uccuga 17
139 1210> SEQ ID NO: 14
140 1211> LENGTH: 17
141 1212> TYPE: RNA
142 1213> ORGANISM: Homo sapiens

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144 400> SEQUENCE: 14
145 gcuuggccuuc ggcuuug 17
148 210> SEQ ID NO: 15
149 211> LENGTH: 17
150 212> TYPE: RNA
151 213> ORGANISM: Homo sapiens
152 400> SEQUENCE: 15
153 ggggccuucg gcuucgc 17
154 210> SEQ ID NO: 16
155 211> LENGTH: 17
156 212> TYPE: RNA
157 213> ORGANISM: Homo sapiens
158 400> SEQUENCE: 16
159 cuucggcuuc ggcugc 17
160 210> SEQ ID NO: 17
161 211> LENGTH: 17
162 212> TYPE: RNA
163 213> ORGANISM: Homo sapiens
164 400> SEQUENCE: 17
165 uucggcuucg cgcugcu 17
166 210> SEQ ID NO: 18
167 211> LENGTH: 17
168 212> TYPE: RNA
169 213> ORGANISM: Homo sapiens
170 400> SEQUENCE: 18
171 gagggccuuc accacca 17
172 210> SEQ ID NO: 19
173 211> LENGTH: 17
174 212> TYPE: RNA
175 213> ORGANISM: Homo sapiens
176 400> SEQUENCE: 19
177 gagggccuuc ccaccag 17
178 210> SEQ ID NO: 20
179 211> LENGTH: 17
180 212> TYPE: RNA
181 213> ORGANISM: Homo sapiens
182 400> SEQUENCE: 20
183 gggcagcuac cugccca 17
184 210> SEQ ID NO: 21
185 211> LENGTH: 17
186 212> TYPE: RNA
187 213> ORGANISM: Homo sapiens
188 400> SEQUENCE: 21
189 ggcugguuc accugcu 17
190 210> SEQ ID NO: 22
191 211> LENGTH: 17
192 212> TYPE: RNA
193 213> ORGANISM: Homo sapiens
194 400> SEQUENCE: 22

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Input Set : D:\MBHB00,882-C Sequence Listing.txt

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```

217 ugcugguucca ccugcug                                     17
220 (210) SEQ ID NO: 23
221 (211) LENGTH: 17
222 (212) TYPE: RNA
223 (213) ORGANISM: Homo sapiens
225 (400) SEQUENCE: 23
226 ggcgggcucuu uugugcu                                     17
229 (210) SEQ ID NO: 24
230 (211) LENGTH: 17
231 (212) TYPE: RNA
232 (213) ORGANISM: Homo sapiens
234 (400) SEQUENCE: 24
235 ggcggucucuu guggugg                                     17
238 (210) SEQ ID NO: 25
239 (211) LENGTH: 17
240 (212) TYPE: RNA
241 (213) ORGANISM: Homo sapiens
243 (400) SEQUENCE: 25
244 ggcggucuuug ugcuggu                                     17
247 (210) SEQ ID NO: 26
248 (211) LENGTH: 17
249 (212) TYPE: RNA
250 (213) ORGANISM: Homo sapiens
252 (400) SEQUENCE: 26
253 ugggugguucc cagcugc                                     17
256 (210) SEQ ID NO: 27
257 (211) LENGTH: 17
258 (212) TYPE: RNA
259 (213) ORGANISM: Homo sapiens
261 (400) SEQUENCE: 27
262 cuggcuccuac caggugu                                     17
265 (210) SEQ ID NO: 28
266 (211) LENGTH: 17
267 (212) TYPE: RNA
268 (213) ORGANISM: Homo sapiens
270 (400) SEQUENCE: 28
271 ggcgguguaa cagcucg                                     17
274 (210) SEQ ID NO: 29
275 (211) LENGTH: 17
276 (212) TYPE: RNA
277 (213) ORGANISM: Homo sapiens
279 (400) SEQUENCE: 29
280 uacgagucug ggcugc                                     17
283 (210) SEQ ID NO: 30
284 (211) LENGTH: 17
285 (212) TYPE: RNA
286 (213) ORGANISM: Homo sapiens
288 (400) SEQUENCE: 30
289 cugccacuca ggcccgg                                     17

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Input Set : D:\MBHB00,882-C Sequence Listing.txt

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292 (210) SEQ ID NO: 31
293 (211) LENGTH: 17
294 (212) TYPE: RNA
295 (213) ORGANISM: Homo sapiens
297 (400) SEQUENCE: 31
298 caccagcuag uggaccc 17
301 (210) SEQ ID NO: 32
302 (211) LENGTH: 17
303 (212) TYPE: RNA
304 (213) ORGANISM: Homo sapiens
306 (400) SEQUENCE: 32
307 gaaggcgutu gggagcc 17
310 (210) SEQ ID NO: 33
311 (211) LENGTH: 17
312 (212) TYPE: RNA
313 (213) ORGANISM: Homo sapiens
315 (400) SEQUENCE: 33
316 ggaatcauag cgucagg 17
319 (210) SEQ ID NO: 34
320 (211) LENGTH: 17
321 (212) TYPE: RNA
322 (213) ORGANISM: Homo sapiens
324 (400) SEQUENCE: 34
325 cauagcguta gggaggg 17
328 (210) SEQ ID NO: 35
329 (211) LENGTH: 17
330 (212) TYPE: RNA
331 (213) ORGANISM: Homo sapiens
333 (400) SEQUENCE: 35
334 gccgggguc cccuggg 17
337 (210) SEQ ID NO: 36
338 (211) LENGTH: 17
339 (212) TYPE: RNA
340 (213) ORGANISM: Homo sapiens
342 (400) SEQUENCE: 36
343 gccgaagucu gccguug 17
346 (210) SEQ ID NO: 37
347 (211) LENGTH: 17
348 (212) TYPE: RNA
349 (213) ORGANISM: Homo sapiens
351 (400) SEQUENCE: 37
352 ucugccguug cccaaga 17
355 (210) SEQ ID NO: 38
356 (211) LENGTH: 17
357 (212) TYPE: RNA
358 (213) ORGANISM: Homo sapiens
360 (400) SEQUENCE: 38
361 acgcccguug ggcaggg 17
364 (210) SEQ ID NO: 39

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/653,225

DATE: 10/01/2001

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Input Set : D:\MBHB00,882-C Sequence Listing.txt

Output Set: N:\CRF3\10012001\I653225.raw

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L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date
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L:29672 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3165
L:29689 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3166
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L:29774 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3171
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L:29859 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3176
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L:29893 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3178
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L:30080 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3189
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L:30114 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3191
L:30131 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3192
L:30148 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3193
L:30165 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3194
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L:30335 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3204
L:30352 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3205
L:30369 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3206
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